

TO:	Mercer Island	DATE:	02/04/22
FROM:	Jeff Barnett	PROJECT NAME:	K2526
CC:		PROJECT NO:	246.01
RE:	Intake Comments		

Gareth Reece:

We have reviewed the comment letter dated 02/02/22 as e-mailed. Please see itemized responses below.

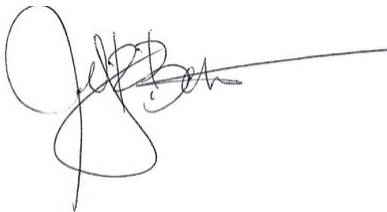
Building Department Comments

1. *Provide calculations for the determination of the Kzt Factor if the value used is less than that indicated on the City of Mercer Island Wind map:1.9. City mapping for this site indicates a Kzt value of 1.9. Calculations page 4 indicate a range of 1.1-1.3 was used for the design. Please verify prior to review that revising Kzt does not affect the lateral design, or justify the use of the lower value by calculation.*

PCS Structural Solutions RESPONSE: See attached revised structural calculations and revised structural drawings, sheet S1.01 Structural Cover Sheet showing the corrected Kzt factor."

We trust that this information fully addresses your concerns, and we look forward to your review and final approval of the permit. Please let us know if you have any questions or require additional information.

Regards,



Jeffrey R. Barnett | jeff@highlanddesign.net
HIGHLAND | design, LLC
Principal